VAM (Value Added Modules) System

Monitor, Splitter, WDM & CWDM Modules & Chassis

One-stop-shop for complete optical transport system support requirements. The VAM System consists of a variety of chassis and value-added modules housing various optical components that fit into existing ADC fiber distribution frames and along with various other mounting environments.

VAM Modules

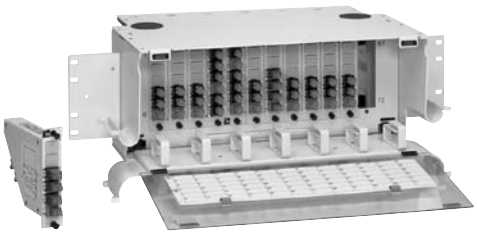
Provide optical monitoring, splitting or multiplexing/demultiplexing of optical signals. Monitoring enables providers to troubleshoot networks without forcing disruption of services. Splitting allows for the distribution of signals to multiple subscribers. WDM/CWDM technologies allow multiple wavelengths of light to travel together in a single strand of fiber.

Modules are available in these configurations:

- **Monitor** — save time trouble shooting non-intrusively; labeled and configured for monitoring applications
- **Splitter** — distribute signals to multiple subscribers; labeled and configured for splitting applications
- **WDM** — add more capacity to existing optical networks; allows multiple wavelengths on a single fiber
- **CWDM** — add even greater capacity with more granular splitting and combining options

NG3 MicroVAM Chassis

FL2–VAM Chassis door open



LGX® Compatible VAM Chassis

VAM Chassis

Purpose is to house the modules containing the optical components.

FMT MicroVAM Chassis

- Accommodates up to 12 microVAM modules
- Designed to mount in a 2 RU FMT

NG3 MicroVAM Chassis

- Accommodates up to 14 microVAM modules
- Designed to mount in NG3 frame

ODF (Industry Standard) or FCM (ADC only) WideVAM™ Chassis

- Higher density version of the Standard VAM Chassis
- Accommodates up to 6 modules (wide)
- Wide variety of chassis options available including 19" and 23" rack mount with various depths

FCM Standard VAM Chassis (ADC only)

- Designed to fit in an ADC FDF rear load frame ONLY with unique mounting
- Front and rear load versions available
- Accommodates 12 modules per chassis

ODF Standard VAM Chassis (Industry Standard)

- Mounts into virtually any 19"/23" style rack
- 2, 4, 6, 8, 12 modules per chassis options available
- 1.75"-7" H versions

FL2000 VAM Chassis

- All front access VAM module solution
- Chassis available with 4, 6 or 9 modules mounting positions
- Designed for FL2000 panel environments

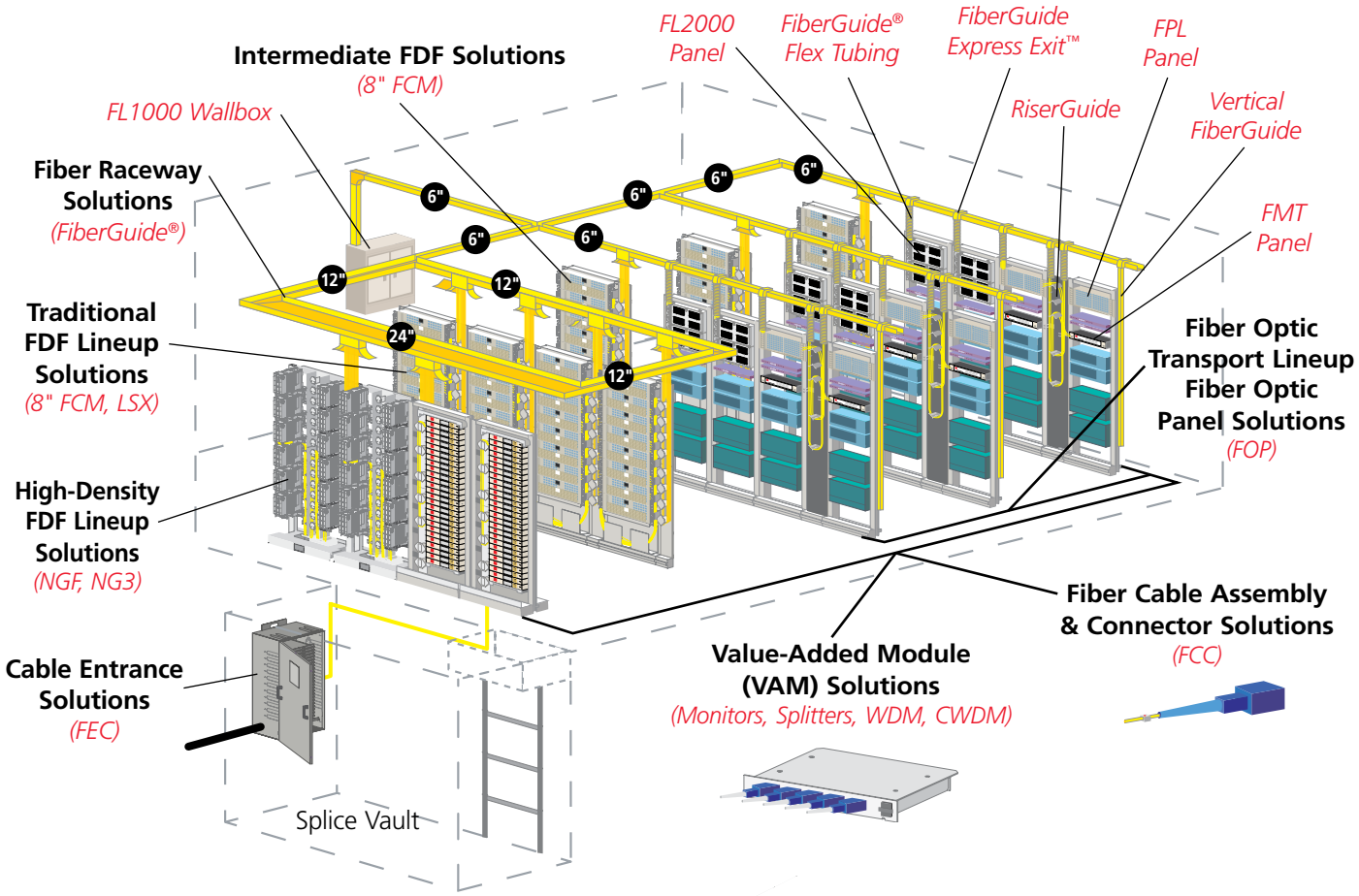
LGX® Compatible VAM Chassis

- Fits to form factor of the industry standard LGX® panel
- 7" H chassis accommodates up to 12 modules
- Front and rear access

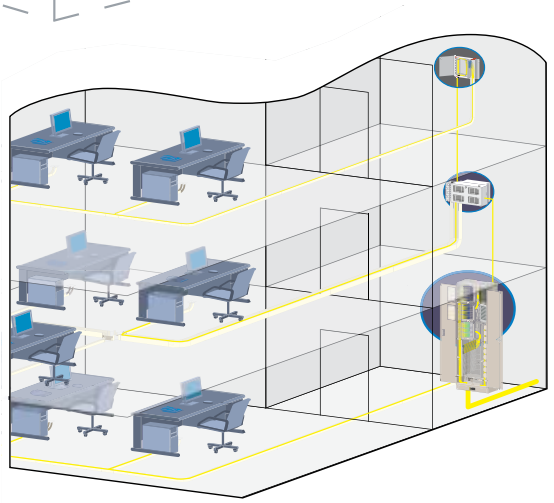
VAM Type	Best Application	Single VAM Plug-in Module Capacity	Available Ports Per VAM Module*
8 inch High FCM Chassis	Front Load or Rear Load Style Fiber Distribution Frames Only	12	6 Front, 4 Rear
7 inch High ODF Chassis	7 inch Style FDF Frames and/or 19"/23" Racks	12	6 Front, 4 Rear
5.25 inch High ODF VAM Chassis	19"/23" Channel or Network/UEF Style Frames	8	6 Front, 4 Rear
4 inch High ODF VAM Chassis	19"/23" Channel or Network/UEF Style Frames	6	6 Front, 4 Rear
3.5 inch High ODF VAM Chassis	19"/23" Channel or Network/UEF Style Frames	4	6 Front, 4 Rear
1.75 inch High ODF VAM Chassis	19"/23" Channel or Network/UEF Style Frames	2	6 Front, 4 Rear
FL2000 VAM Chassis	19"/23" Rack or Cabinet Type Applications	4, 6 or 9	6 Front
8 inch High FCM WideVAM Chassis	Front Load or Rear Load Style Fiber Distribution Frames Only	6 WideVAMs	18 Front, 12 Rear
7 inch High WideVAM Chassis	7 inch Style FDF Frames and 19"/23" Racks	6 WideVAMs	18 Front, 12 Rear
3.5 inch High WideVAM Chassis	19"/23" Channel or Network/UEF Style Frames	2 WideVAMs	18 Front, 12 Rear
7 inch High LGX VAM Chassis	LGX Style Frame Environments	12 LGX VAMs	6 Front, 3 Rear
3.5 inch High LGX VAM Chassis	LGX Style Frame Environments	4 LGX VAMs	6 Front, 3 Rear
3.5 inch High (2RU) MicroVAM Chassis	19"/23" Channel or Network/UEF Style Frames	12 MicroVAMs	6 Front
NG3 MicroVAM Chassis	NG3 Style Frame System Only	14 MicroVAMs	6 Front

* Standard Form Factor Connector

Central Office



Customer Premises



Level 3

FL1000 Wall Box
Plenum FiberGuide®

Level 2

FL2000 Wall Mount Panel
Plenum FiberGuide

Level 1

OMX 600® Fiber Distribution Frame
Plenum FiberGuide
VAMs

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